



A Telecommunications Company

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DATE: March 6, 2014
FROM: Boycom Cablevision Inc.
TO: Federal Communications Commission (FCC)
SUBJECT: Expression of Interest – Rural Trials / Docket No. 10-90

Company Background

Boycom Cablevision Inc. is a small cable television operator founded in 1992. Headquartered in Poplar Bluff Missouri, Boycom Cablevision serves over 3,500 broadband, video and phone subscribers in 6 small communities and the surrounding rural areas in the Missouri counties of Butler, Carter, Ripley, Stoddard and Wayne. Approximately 150 miles South Southeast of Saint Louis Missouri and 120 miles Northwest of Memphis Tennessee, these areas are located in the very rural and sparsely populated Southeast Missouri Ozark hills and foothills regions.

Boycom Cablevision's current management team has a combined total of over 100 years of experience in cable television, telephone and internet plant construction, operation and management with select team members exceeding 35 years plus in the cablevision industry.

Boycom Cablevision's existing network consisting of a combination of HFC, fiber to the home (FTTH), and a small amount of wireless service, currently provides broadband connections speeds of up to 10 Mbps down and 2 Mbps up. We have added DOCSIS 3.0 technologies to our network and soon will be increasing broadband service down load speed offerings in excess of 20 Mbps.

Boycom Cablevision Inc. at this time does not have an ETC license, but if funding were to be provided, we would meet the requirements set fourth by the FCC.

Geographic Territory

Boycom is proposing to serve portions of Butler, Ripley and Stoddard counties with a combination of fiber to the home or business and wireless broadband service in the following census tract / block areas.

<u>State</u>	<u>County</u>	<u>Tract ID</u>	<u>Block Groups</u>	
MO	Butler	29023950100	290239501001 - 290239501003	http://www.usa.com/MO023950100.html
MO	Butler	29023950201	290239502011	http://www.usa.com/MO023950201.html
MO	Butler	29023950202	290239502021 - 290239502023	http://www.usa.com/MO023950202.html
MO	Butler	29023950900	290239509001 - 290239509004	http://www.usa.com/MO023950900.html
MO	Carter	29035960100	290359601002 - 290359601003	http://www.usa.com/MO035960100.html

MO	Ripley	29181870100	291818701001 - 291818701004	http://www.usa.com/MO181870100.html
MO	Ripley	29181870400	291818704001 - 291818704003	http://www.usa.com/MO181870400.html
MO	Stoddard	29207470200	292074702001 - 292074702004	http://www.usa.com/MO207470200.html
MO	Wayne	29223690100	292236901001 - 292236901004	http://www.usa.com/MO223690100.html

This construction would provide broadband access to over 4000 potential customers in the listed census tracts.

List of Anchor Institutions with Access to Proposed GPON Network

<u>Anchor Institution</u>	<u>Type</u>
Butler County Fire District - M Hwy	Fire Department
Puxico Fire Department	Fire Department
Ellsinore Fire Department	Fire Department
Naylor City Fire Department	Fire Department
Wappapello Volunteer Fire Dept	Fire Department
Puxico City Hall	Government
Ellsinore City Hall	Government
Naylor City Hall	Government
Neelyville City Hall	Government
Army Corps of Engineers - Wappapello	Government
Mingo National Wildlife Offices	Government
Duck Creek Conservation Area Offices	Government
Woods Medical Clinic LLC	Healthcare
Puxico Nursing and Rehab Center	Healthcare
Puxico Police Department	Law Enforcement
Naylor Police Dept.	Law Enforcement
Neelyville Police Dept	Law Enforcement
Puxico Public Library	Library
Ripley County Library - Naylor	Library
Puxico Post Office	Post Office
Naylor Post Office	Post Office
Neelyville Post Office	Post Office
Wappapello Post Office	Post Office
Puxico High School	Public School
Puxico Elementary	Public School
Ellsinore High School	Public School
Ellsinore Grade School	Public School
Hill View Elementary	Public School
Naylor Elementary	Public School

Naylor High School
Neelyville High School
Neelyville Elementary
Mingo Job Corp

Public School
Public School
Public School
State School

Proposed Technology

Boycom Cablevision proposes to utilize combination of RF over Glass (RFOG) for fiber to the home and gigabit passive optical network (GPON) for fiber to the business and anchor institutions. This fiber to the home and business construction will cover approximately 75% of the proposed service area. The network will also utilize wireless point to point and multi-point equipment along select locations of the fiber build route to extend broadband internet and voice over IP to potential customers that fall just out of the financially feasible reach of the fiber to the premise construction.

Using the RFOG technology will allow Boycom to leverage existing investments in its DOCSIS 3.0 technologies and fiber network. It will also allow future compatibility for enhancements of the of gigabit passive optical network (GPON) to the residential customers as the demand arise.

In the fiber to the home service area the offerings would include internet, phone and video service. Initial bandwidth speed offerings would start at 5 Mbps, 10 Mbps and 20 Mbps. The internet service would be priced at 29.95 (5 Mbps), 39.95 (10 Mbps) and 59.95 (20 Mbps).

Wireless extensions would have speed offerings of 5 Mbps and 10 Mbps. The internet service would be priced at 29.95 (5 Mbps) and 39.95 (10 Mbps).

Businesses and anchor institutions would have access to broadband service that could be symmetrical in nature if required with bandwidth speeds in excess of 100Mbps.

Construction of the fiber network will be a combination of aerial and plowed fiber.

State and Local or Tribal Government Participation of Project

Boycom Cablevision is currently internally funded. At this time we do not receive any type of government funded support to extend broadband in to new service areas.

Existing Providers

In some of the proposed service area census tracts there is a combination of DSL and/or wireless, but coverage and bandwidth of these technologies is variable and distant dependent. The majority of these areas do not meet the FCC definition of broadband service and many of the areas have no access at all.

Project Timeline

Boycom proposes to have all construction completed and service activated with in a 36 month time period. Boycom would perform construction in phases, securing land or easements as necessary, central office optical transmission electronics as needed, fiber construction and splicing, proceeded by subscriber activation as the fiber build progresses.

Total Operator Investment

Boycom has currently invested over 1.5 million dollars in existing fiber plant and DOCSIS 3.0 technologies that border these proposed build locations that would be utilized and leveraged to provide the building blocks to help serve these rural and low density areas.

One Time Capital Investment Needed

Boycom Cablevision would be requesting 12.5 million dollars of funding the construction of approximately 200 miles of fiber to the home and business over a period of three years.

Total Estimated Costs

Total estimated cost of requested funding and in-kind investment would be 14 million dollars